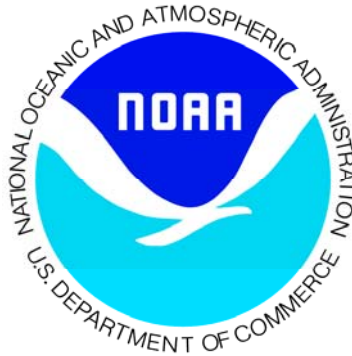


National Fire Weather Report



1916 - 90 YEARS - 2006

2005

By

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Excerpts From:

2005 Annual Climate Review U.S. Summary

*National Climatic Data Center
Asheville, North Carolina
13 January 2006*

2005 was the 13th warmest year on record for the U.S. with a nationally averaged temperature of 54.0°F (12.2°C). This is 1.2°F (0.7°C) above the 1895-2004 mean. The year was near the long-term mean for precipitation for the nation.

National Temperature

The last five 5-year periods (2001-2005, 2000-2004, 1999-2003, 1998-2002, 1997-2001), were the [warmest 5-year periods](#) (i.e. pentads) in the last 111 years of national records, illustrating the anomalous warmth of the last decade. The 6th warmest pentad was in the [1930s \(1930-34\)](#), when the western U.S. was suffering from an [extended drought](#) coupled with [anomalous warmth](#). The warmest year on record for the U.S. was [1998](#), where the record warmth was concentrated in the Northeast as compared with the Northwest in [1934](#).

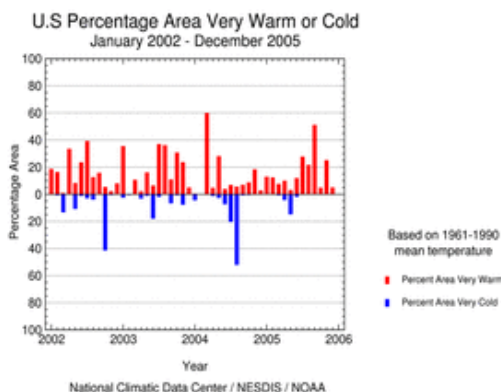
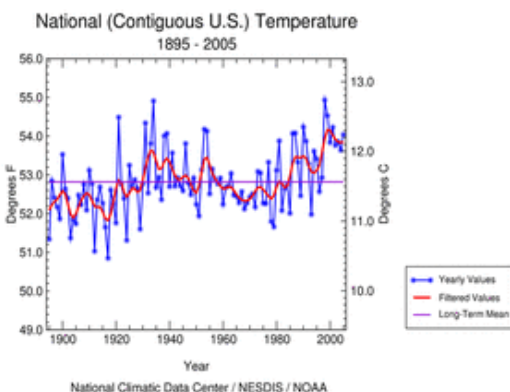
Seasonal Analysis:

The temperature for the [2004-2005 winter season \(Dec-Feb\)](#) was warmer than average for the nation (12th warmest out of 110 years), with [much warmer than average temperatures in parts of the Rockies and northern Plains](#).

[Spring \(March-May\)](#) was near average (55th coldest, 57th warmest out of 111 years of records) for the nation with [much below average temperatures along the Eastern Seaboard](#) balancing warmer conditions in the Northwest.

[Summer \(June-August\)](#) was warm across much of the nation and ranked [17th warmest](#) in 111 years of national records, with the majority of the [northeastern U.S.](#) much warmer than average. The Northeast as a whole had its [2nd warmest summer on record](#), with New Jersey and New Hampshire averaging record warm for the season.

The 2005 [fall season](#) (September-November) was 4th warmest on record, with [all but 3 contiguous states having above average warmth](#).

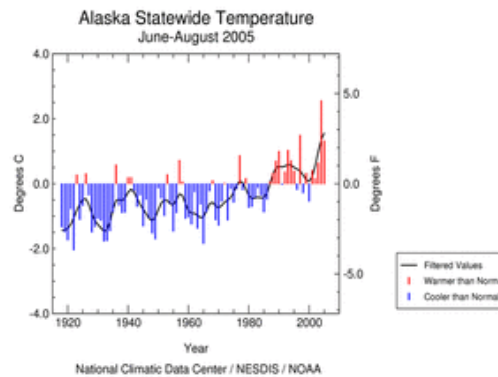
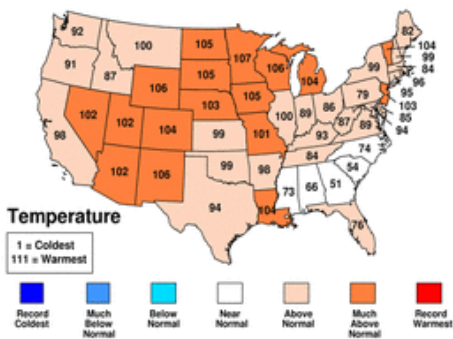


The figure above right shows the percentage of the contiguous U.S. that was very warm and the percentage that was very cold during each of the past 48 months. In 2005, only one month ([May](#)) averaged very cold over 10% or more of the country, with April at just under 5%. Over 10% of the U.S. was very warm for seven months in 2005, while over 20% of the country was very warm in 4 months, ([July](#), [August](#), [September](#), and [November](#)), with September averaging over 50% of the nation in the very warm category. Very warm and very cold conditions are defined as the warmest and coldest ten percent of recorded temperatures, respectively.

2005 Statewide Analysis:

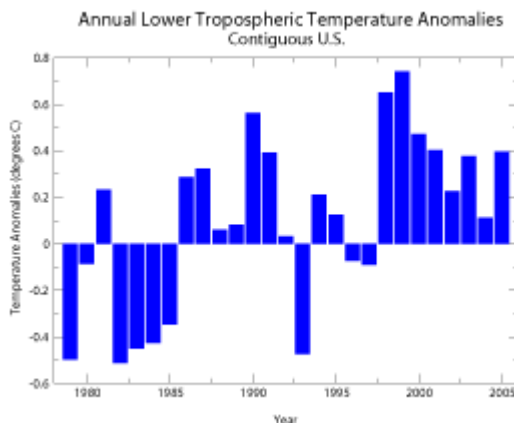
2005 was much warmer than average for 17 states, including [Minnesota](#), which was 5th warmest on record. A further 26 contiguous states were warmer than average, and only 5 southeastern states remained near average for 2005.

January-December 2005 Statewide Ranks
National Climatic Data Center/NESDIS/NOAA



Annual temperatures averaged across the state of [Alaska](#) in 2005 placed 6th warmest since 1918 - the 6th consecutive above-average year for the state, which is unprecedented in the historical record. Alaska had another warm summer in 2005 (3rd warmest on record) following the record warm summer of 2004. The summer warmth coupled with [anomalous dryness](#) in parts of the state also contributed to an [active wildfire season](#) for Alaska.

Data collected by NOAA's TIROS-N polar-orbiting satellites and adjusted for time-dependent biases by NASA and the Global Hydrology and Climate Center at the University of Alabama in Huntsville, indicate that temperatures in the lower half of the atmosphere (lowest 8 km of the atmosphere) over the U.S. were warmer than the 20-year (1979-1998) average for the 8th consecutive year. 2005 ranks as the 6th warmest year since this satellite record began in 1979.



National Precipitation

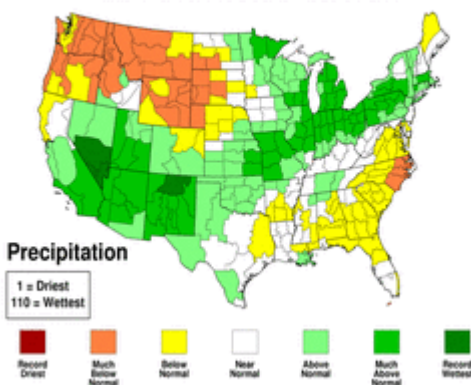
Precipitation in the United States in 2005 was variable throughout much of the country with periods of excessive rainfall, especially in the Southwest and Northeast, and persistent and developing drought in other areas. Winter storms in the Southwest led to record or near-record seasonal precipitation for much of the region, while the fall was record wet for the Northeast. Severe drought affected the Northwest during the 2004-2005 winter, however the drought situation was significantly improved with abundant spring precipitation. The southern Plains to the Great Lakes had severe moisture deficits from the spring through the fall. Twenty-four states were wetter than average from January-December, including 9 states that were much above average and 2 states that were record wet. Ten states were drier than average including Arkansas, which had its second driest year on record. Nationally, it was near the long-term mean, ranking [49th wettest year on record](#).

Below average rain and snowfall occurred in parts of the South, southern Great Lakes and the Pacific Northwest during 2005. This dearth of precipitation in the Northwest [during the winter months](#), led to severe [drought conditions](#) across the region, with the main storm track remaining south and bringing excessive moisture to the Southwest (see below). Some drought relief came during the spring, with [above average rain](#) and late-season snow. [Drought developed in the central US](#) during the spring and into the fall leading to extreme drought in parts of the southern Great Plains and in the southern Great Lakes. See the [NCDC annual drought summary](#) for more information.

A [series of major Pacific winter storms](#) contributed to the moisture in the Southwest in 2005, with Los Angeles having its wettest (37 inches) water year (Oct-Sep) in 121 years and 2nd wettest water year on record. Rainfall for the city totaled 16.97 inches from December 27th 2004-January 10th 2005, making it the wettest 15 days on record for Los Angeles. The storms acquired moisture from the warm central Pacific Ocean before reaching the coast and mountains of the Southwest. The Northeast also had extreme precipitation for fall 2005, with 9 states (New Jersey and Delaware to Maine) having record rain and snowfall for October and 2 states (Maine and New Hampshire) having record precipitation for the year. Over 17 inches of rain fell at Millbrook, NY during October. Some of the October rainfall in the Northeast came from the remnants of two tropical systems ([Tropical Storm Tammy](#) and [Hurricane Wilma](#)). More information about significant precipitation events can be found on NCDC's [annual summary of significant events page](#).

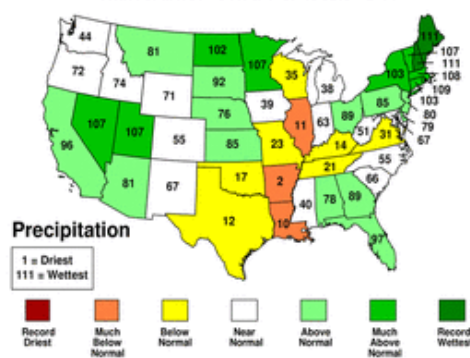
Dec 2004 - Feb 2005 Divisional Ranks

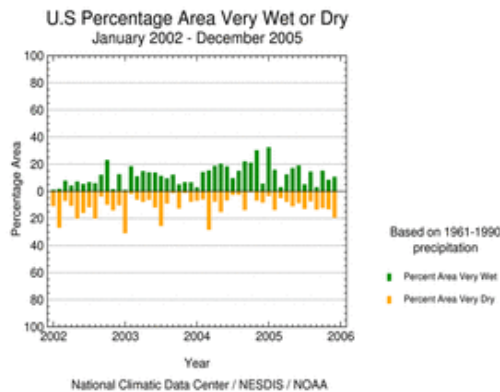
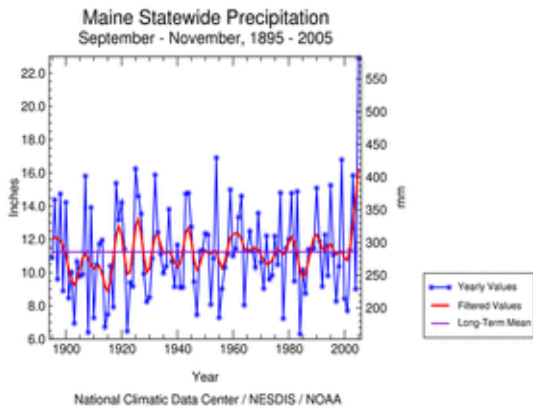
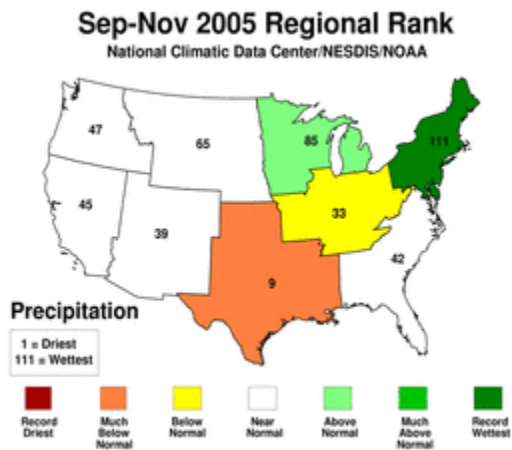
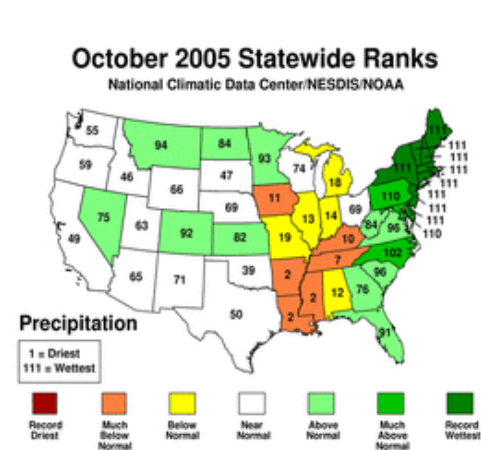
National Climatic Data Center/NESDIS/NOAA



January-December 2005 Statewide Ranks

National Climatic Data Center/NESDIS/NOAA





The figure above right shows the percent of the contiguous U.S. that was very wet and the percent that was very dry during each of the past 48 months. During 2005, more than a tenth of the country was very dry in 7 months (February, May, July, September, October, November and December). For 8 months, the percent area of very wet conditions exceeded ten percent, also exceeding 15% for 4 months ([January](#), [February](#), [May](#), and [June](#)).

Snow Season

The [2004/2005 snow season](#) was generally above average across the Southwest and much below average across the northern Rockies and Pacific Northwest. [Snow cover was slightly below average for the North American continent](#) as a whole over the winter and [much below average for the spring](#), consistent with a trend towards reduced spring snow cover for North America as shown in the adjacent image.

Notable snow storms in 2005 include a major winter storm, referred to as the 'Blizzard of 2005', in January that affected the Northeast and produced well over a foot of snow across much of southern New England. Boston had its snowiest January on record partly as a result of that storm and NCDC's [Northeast Snowfall Impact Scale](#) ranked the January snow storm as the 7th most intense on record. Heavy snow produced over 2 feet of accumulation in the mountains around Denver, CO in April and a significant snow storm affected the Midwest early in the 2005/06 winter, with 16-20 inches of snow accumulating across parts of Nebraska and the Dakotas in November. More details of these and other snow and ice events are available in the [annual summary of significant events](#).

Storm Total Snowfall
8 am 01/22/2005 thru 8 am 01/24/2005

Snowfall (inches)

- 0 - 0.1
- 0.1 - 1.0
- 1.0 - 3.0
- 3.0 - 6.0
- 6.0 - 12.0
- 12.0 - 24.0
- 24.0 +
- No Data

Mountain Snowpack as of May 1, 2005

Legend

Percent of Average

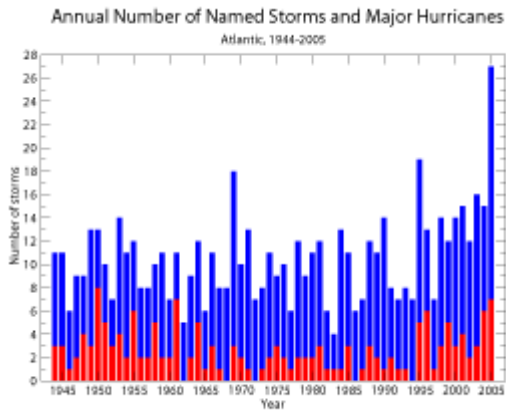
- 100 - 150
- 100 - 150
- 120 - 149
- 110 - 120
- 90 - 100
- 70 - 89
- 50 - 69
- 25 - 49
- < 25
- No Survey

Produced by the Northwest River Forecast Center

Prepared by:
USDA, National Resources Conservation Service
National Water and Climate Center
Portland, Oregon
<http://nwrc.nrcs.usda.gov>

The Atlantic Basin had a record active season in 2005 with [27 named storms, of which 14 were hurricanes, including 7 major hurricanes](#). Of the 7 major hurricanes, an unprecedented 3 reached category 5 status, with a 4th reaching the greatest possible windspeed within category 4 of the Saffir-Simpson scale. The average (based on data from 1944-1996) is approximately 10 named storms, of which 6 are hurricanes, including 2-3 major hurricanes. The [ACE index](#) of hurricane activity also indicates a significantly above average season - the 3rd most active on record, with a [preliminary value of approximately \$240 \times 10^4 \text{ knots}^2\$](#) . An average season is anywhere from $66 \times 10^4 \text{ knots}^2$ to $103 \times 10^4 \text{ knots}^2$.

7



Other hurricanes that impacted the US coast in 2005 were major Hurricanes Rita, Wilma, and Dennis, with Hurricane Emily making landfall in Mexico and producing rain in Texas, and Hurricane Ophelia brushing the coast of North Carolina. More details about these and all the 2005 Atlantic tropical systems can be found on [NCDC's hurricane page](#)

2005 Major Incidents

6/23/05 – 6/24/05: High winds and low humidities after a period of dry lighting brought numerous fires to the Arizona, Southern Utah and Southern Nevada. Major fires included the Cave Creek Complex and Southern Nevada Complex. The fires in this area burned around 1 million acres during the end of June and beginning of July.

7/16/05 – 7/22/05: High winds and low humidities whipped up grass fires in the Great Basin, with large fires occurring in Nevada and Idaho. Major fires included the Clover Fire in ID and the Esmeralda Fire in northern NV. The Clover Fire burned almost 200,000 acres of grass and brush.

8/6 – 8/8: Scattered dry lightning and unstable conditions resulted in several large fires in the Northwest and Montana. Major fires included the Blossom Complex and School Fire in Oregon and the I-90 Fire in Montana.

8/28 – 8/30: Hurricane Katrina. Major damage to the Louisiana and Mississippi gulf coast.

IMET Dispatches 2005

<i>ATMU</i>	<i>IMET NWS Office</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
--	Van Bussum NWSHQ	M/V Selendang Ayu near Unalaska, AK	12/21/04	1/3/05	13
--	Albanese Anchorage, AK		1/2/05	1/16/05	15
--	Prange Seattle, WA		1/15/05	1/26/05	12
--	Albanese Anchorage, AK		1/26/05	2/9/05	15
--	Richmond Fairbanks, AK		2/7/05	2/13/05	7
--	Cline (T) Pacific Region HQ	M/V Cape Flattery near Barbers Pt, Oahu, HI	2/4/05	2/11/05	8
--	Albanese Anchorage, AK	M/V Selendang Ayu near Unalaska, AK	4/4/05	4/9/05	6
--	Bird El Paso, TX	Bosque Fire near Ehrenberg, AZ	4/9/05	4/11/05	3
--	Wachter Albuquerque, NM	Bart Fire near Scottsdale, AZ	5/17/05	5/18/05	2
--	Borsum Billings, MT	WFO Phoenix Support Phoenix, AZ	5/20/05	5/23/05	4
--	Borsum Billings, MT		5/25/05	5/28/05	4
--	Borsum Billings, MT	Skunk Fire near Globe, AZ	5/23/05	5/25/05	3
--	Fowle (T) Phoenix, AZ		5/23/05	5/25/05	3

<i>ATMU</i>	<i>IMET NWS Office</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
--	Brenchley Salt Lake City, UT	Air Force Fire near Nellis AFB, NV	6/6/05	6/10/05	5
--	Stubblefield Flagstaff, AZ	Aztec Fire near Patagonia, AZ	6/19/05	6/24/05	7
--	Wachter Albuquerque, NM	Sunset Point Fire near Black Canyon City, AZ	6/21/05	6/22/05	2
--	Wachter Albuquerque, NM	Three Fire Complex near Tonto Basin, AZ	6/23/05	6/28/05	6
--	Fowle (T) Phoenix, AZ		6/24/05	6/25/05	2
AZ01	Nester Missoula, MT	Cave Creek Complex Zone 1 near Carefree, AZ	6/24/05	7/4/05	11
AZ01	Fowle (T) Phoenix, AZ		6/25/05	7/1/05	7
--	Fowle Phoenix, AZ		7/4/05	7/7/05	4
--	Balfour San Diego, CA	Saboda Fire near San Jacinto, CA	6/23/05	6/25/05	3
--	Harrison Las Vegas, NV	Good Springs Fire near Jean, NV	6/24/05	6/29/05	6
ID02	Wallmann Reno, NV	West Side/Diamond Complex near Cedar City, UT	6/25/05	7/5/05	11
ID02	Nagle (T) San Angelo, TX		6/30/05	7/5/05	6
ID01	Balfour San Diego, CA	Blue Spring Fire near Leeds, UT	6/28/05	7/5/05	8
ID01	Petersen (T) Pueblo, CO		6/30/05	7/2/05	3

<i>ATMU</i>	<i>IMET NWS Office</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
AZ02	Stubblefield Flagstaff, AZ	Cave Creek Complex Zone 2 near Carefree, AZ	6/29/05	7/7/05	9
AZ02	Burger (T) San Joaquin Valley, CA		7/1/05	7/7/05	7
NM01	Harrison Las Vegas, NV	Southern Nevada Complex near Mesquite, NV	6/29/05	7/7/05	9
NM01	Petersen (T) Pueblo, CO		7/2/05	7/5/05	4
--	Ruthford Juneau, AK	King County Creek Fire near Sterling, AK	6/30/05	7/10/05	11
ID03	Lipson Riverton, WY	Mt. Rushmore 4 th of July Celebration Support near Keystone, SD	7/2/05	7/4/05	3
--	Brenchley Salt Lake City, UT	Delamar Fire near Alamo, NV	7/8/05	7/13/05	6
--	Wachter Albuquerque, NM	Black Range Complex WFU near Silver City, NM	7/8/05	7/15/05	8
--	Ramey Grand Junction, CO	Mason Fire near Wetmore, CO	7/9/05	7/17/05	9
NM01	Fowle Phoenix, AZ	Florida Fire near Nogales, AZ	7/9/05	7/14/05	6
NM01	Balfour San Diego, CA		7/14/05	7/21/05	8
NM01	Reedy (T) Tucson, AZ		7/16/05	7/20/05	5
--	Stubblefield Flagstaff, AZ	Dragon WFU near Grand Canyon Village, AZ	7/13/05	7/22/05	10
--	Tobin Spokane, WA	West Omak Lake Fire near Omak, WA	7/13/05	7/17/05	5

<i>ATMU</i>	<i>IMET NWS Office</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
--	Tonkin Eureka, CA	Fox Creek/Irish Channel Fires near Soldotna, AK	7/15/05	7/29/05	15
--	Moore Pueblo, CO	Trail East Fire near Hesperus, CO	7/17/05	7/21/05	5
ID01	Wallmann Reno, NV	Esmeralda Fire near Elko, NV	7/17/05	7/23/05	7
ID01	Morrison (T) Elko, NV		7/18/05	7/23/05	6
--	Redman Boise, ID	Clover Fire near Hammett, ID	7/17/05	7/21/05	5
--	Borsum Billings, MT	Butte Complex near Prescott, AZ	7/18/05	7/21/05	4
--	Chamberlain Grand Junction, CO	Pack Trail Complex near Meeker, CO	7/18/05	7/23/05	6
--	Nester Missoula, MT		7/22/05	7/27/05	6
--	Wachter Albuquerque, NM	Edge Fire near Payson, AZ	7/18/05	7/24/05	7
--	Milne Reno, NV	Wilson Complex near Elko, NV	7/18/05	7/20/05	3
--	Nester Missoula, MT	Craig Draw Fire near Norwood, CO	7/19/05	7/22/05	4
--	Brenchley Salt Lake City, UT	Dammeron Fire near Diamond Valley, UT	7/19/05	7/30/05	12
--	Harrison Las Vegas, NV	J Canyon Fire near Wickenburg, AZ	7/19/05	7/23/05	5

<i>ATMU</i>	<i>IMET NWS Office</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
--	Survick Pocatello/Idaho Falls, ID	Tank Fire near Peach Springs, AZ	7/23/05	7/26/05	4
--	Harrison Las Vegas, NV	Bear Fire near San Carlos, AZ	7/23/05	7/27/05	5
--	Decker Boise, ID	Twin Mills Fire near Las Vegas, NV	7/24/05	7/26/05	3
--	Hoenisch Great Falls, MT	South Sundance Complex near Sundance, WY	7/25/05	7/29/05	5
ID01	Solomon Pendleton, OR	Blossom Complex near Gold Beach, OR	7/26/05	8/9/05	15
ID01	Wolfe (T) Pendleton, OR		7/27/05	8/4/05	9
ID01	Gettman (T) Medford, OR		8/4/05	8/9/05	6
ID01	Gettman Medford, OR		8/9/05	8/19/05	11
ID01	Weagle (T) San Francisco Bay Area, CA		8/14/05	8/22/05	9
ID01	Haner Seattle, WA		8/17/05	8/28/05	13
ID01	Werner (T) Spokane, WA		8/22/05	8/26/05	5
--	Bunnag Medford, OR	Wasson Fire near Eagle Point, OR	7/28/05	7/30/05	3
--	Henry Missoula, MT	Frog Pond Fire near Philipsburg, MT	7/30/05	8/4/05	6
--	Decker Boise, ID	Snake One Fire near Weiser, ID	7/30/05	8/6/05	8

<i>ATMU</i>	<i>IMET NWS Office</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
--	Bunnag Medford, OR	Simpson Fire near Klamath Falls, OR	7/30/05	8/4/05	6
ID02	Tobin Spokane, WA	Mule Peak Fire near La Grande, OR	8/2/05	8/11/05	10
ID02	Gilchrist (T) Missoula, MT		8/4/05	8/11/05	8
--	Pelatti Spokane, WA	Lick Creek Fire near Cle Elum, WA	8/5/05	8/11/05	7
--	Meier Great Falls, MT	Dirty Face Fire near Leavenworth, WA	8/6/05	8/12/05	7
MT01	Nester Missoula, MT	I-90 Fire near Alberton, MT	8/6/05	8/19/05	14
MT01	Lynn (T) Atlanta, GA		8/9/05	8/16/05	8
--	Zeltwanger Glasgow, MT	School Fire near Pomeroy, WA	8/7/05	8/19/05	13
MN01	Hooper Paducah, KY	Alpine Lake Fire near Ely, MN	8/8/05	8/21/05	14
--	Messick Pocatello/Idaho Falls, ID	Cadegan Complex near North Fork, ID	8/8/05	8/21/05	14
--	Henry Missoula, MT	Rockin Complex near Darby, MT	8/10/05	8/16/05	7
--	Walbrun Monterey, CA	Deer Fire near Redwood Valley, CA	8/10/05	8/14/05	5
--	Weishaar Portland, OR	Tryon Complex near Imnaha, OR	8/10/05	8/22/05	13
--	Wolfe (T) Pendleton, OR		8/11/05	8/22/05	12

<i>ATMU</i>	<i>IMET NWS Office</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
--	Smith Sacramento, CA	36 Fire near Red Bluff, CA	8/11/05	8/11/05	1
--	Lipson Riverton, WY	Blackerby Fire near Grangeville, ID	8/11/05	8/20/05	10
--	Sowko (T) Cheyenne, WY		8/15/05	8/20/05	6
--	Redman Boise, ID	Frank Church WFU near Shoup, ID	8/12/05	8/25/05	14
--	Solomon Pendleton, OR		8/24/05	9/7/05	15
--	Ramey Grand Junction, CO		9/5/05	9/15/05	11
--	Carter Spokane, WA	Burnt Cabin Fire near Milton-Freewater, OR	8/16/05	8/25/05	7
--	Hoenisch Great Falls, MT	Signal Rock Fire near Philipsburg, MT	8/18/05	8/31/05	14
--	Franks Cincinnati, OH		8/29/05	9/7/05	10
--	Paulson Minneapolis, MN		9/5/05	9/12/05	8
--	Lipson Riverton, WY	Clear Red Complex near Elk City, ID	8/20/05	8/24/05	5
--	Sowko (T) Cheyenne, WY		8/20/05	8/24/05	5
--	Brenchley Salt Lake City, UT	Sherman Fire near Elko, NV	8/24/05	8/27/05	4
--	Morrison (T) Elko, NV		8/24/05	8/27/05	4

<i>ATMU</i>	<i>IMET NWS Office</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
--	Tonkin Eureka, CA	Barrel Fire near Fort Bidwell, CA	8/24/05	8/31/05	8
--	Tobin Spokane, WA	2005 Red River Misc ABCD WFU near Grangeville, ID	8/26/05	9/2/05	8
--	Walbrun San Francisco Bay Area, CA	Harding Fire near Sierraville, CA	8/25/05	8/31/05	7
--	Bunnag Medford, OR	Deer Creek Fire near Cave Junction, OR	8/26/05	8/31/05	6
--	Burger San Juaquin Valley, CA	Manton Fire near Red Bluff, CA	8/27/05	8/30/05	4
--	Balfour San Diego, CA	Blaisdell Fire near Palm Springs, CA	8/28/05	8/31/05	4
WA01	Prange Seattle, WA	Granite Complex WFU near Enterprise, OR	8/29/05	9/9/05	12
--	Wallmann Reno, NV	Chance Fire near Elko, NV	8/29/05	9/1/05	4
--	Morrison (T) Elko, NV		8/29/05	9/1/05	4
--	Nester Missoula, MT	Seepay Fire near Perma, MT	8/30/05	9/9/05	11
--	Van Bussum NWSHQ	Katrina Support Slidell, LA	8/30/05	9/4/05	6
--	Davis Tampa, FL	Katrina Support LA EOC Baton Rouge, LA	9/4/05	9/15/05	12
--	Kuyper (T) Lake Charles, LA		9/13/05	9/24/05	12
--	Bird El Paso, TX		9/21/05	10/4/05	14

<i>ATMU</i>	<i>IMET NWS Office</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
--	Byrd (T) Jackson, MS	Katrina Support (cont) LA EOC Baton Rouge, LA	9/29/05	10/5/05	7
--	Pelton Jackson, KY	Katrina Support Stennis Space Center, MS	9/8/05	9/23/05	16
--	Murdoch Midland, TX		9/21/05	10/4/05	14
--	Goudsward Little Rock, AR		10/2/05	10/16/05	15
--	Wachter Albuquerque, NM		10/15/05	10/25/05	11
--	Goudsward Little Rock, AR		10/24/05	10/28/05	5
--	Decker Boise, ID	Valley Road Fire near Stanley, ID	9/4/05	9/16/05	13
--	Lipson Riverton, WY	Gregory Fire near Idaho City, ID	9/6/05	9/11/05	6
--	Hooper Paducah, KY	Superior NF Rx Burn near Ely, MN	9/8/05	9/15/05	8
--	Paulson Minneapolis, MN	East Zone Rx Burn near Grand Marais, MN	9/18/05	9/19/05	2
--	Wachter Albuquerque, NM	Pine Canyon Fire near Taos, NM	9/19/05	9/22/05	4
--	Meffert Paducah, KY	Katrina Support Jackson Sq. Support Base New Orleans, LA	9/22/05	9/26/05	5
--	Newmerzhycky Sacramento, CA	Topanga Fire near Chatsworth, CA	9/29/05	10/6/05	8
--	Thompson (T) Los Angeles, CA		9/29/05	10/5/05	7

<i>ATMU</i>	<i>IMET NWS Office</i>	<i>Incident Location, State</i>	<i>Dispatch</i>	<i>Return</i>	<i>Days</i>
--	Paulson Minneapolis, MN	East Zone Rx Burn near Grand Marais, MN	9/30/05	10/4/05	5
--	Balfour San Diego, CA	Border #50 Fire near Potrero, CA	10/5/05	10/7/05	3
--	Fleegel Charleston, WV	Bridge Day Support near Fayetteville, WV	10/15/05	10/15/05	1
--	Lynn (T) Atlanta, GA	Srn Area GACC Support Atlanta, GA	11/1/05	11/4/05	4
--	Frantz (T) Atlanta, GA		11/4/05	11/6/05	3

IMET Incident Response Summary

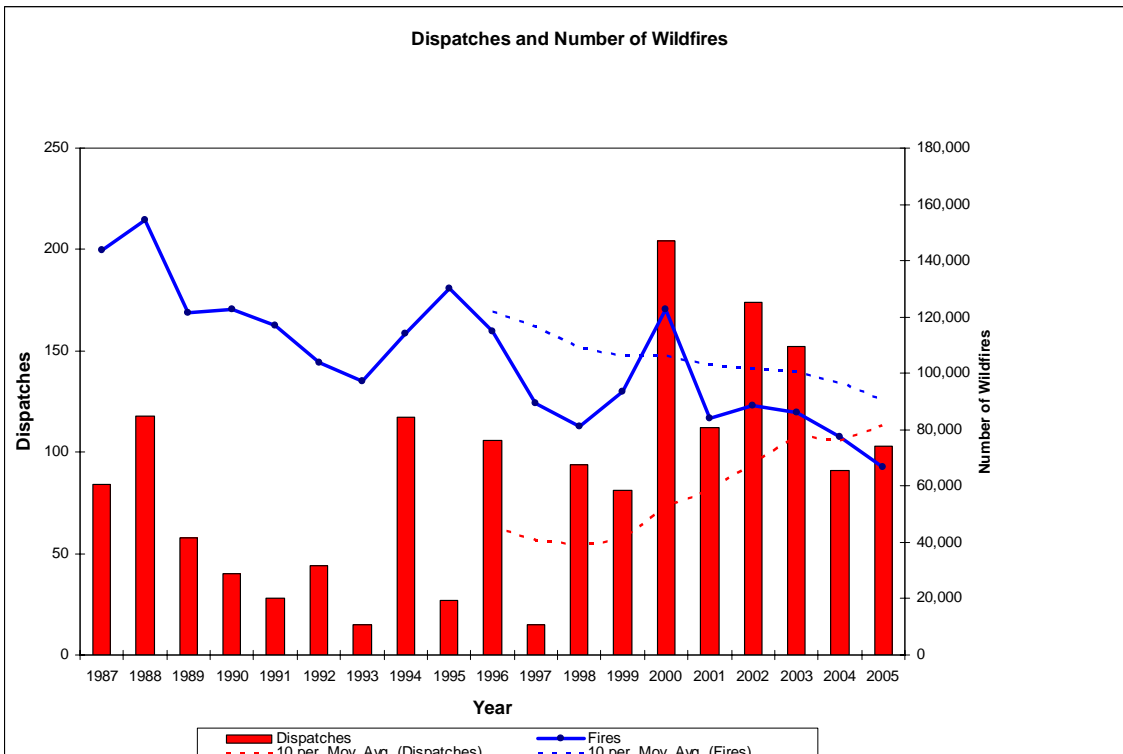
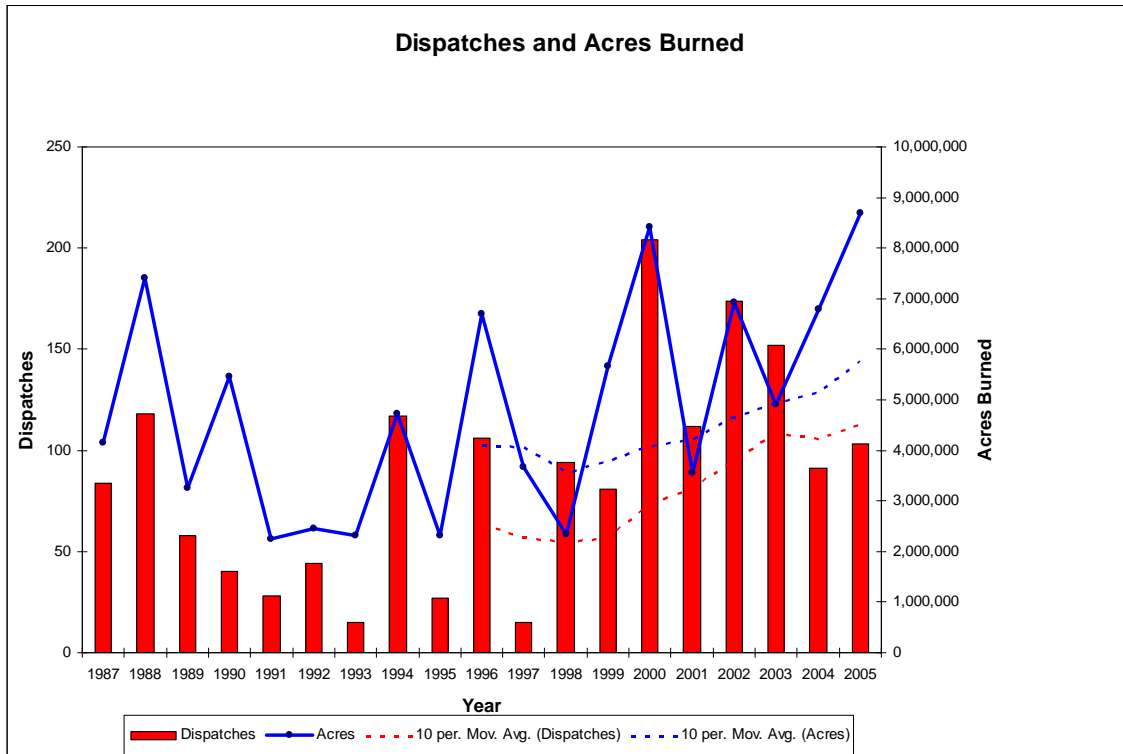
<i>YEAR</i>	<i>FIRES</i>	<i>ACRES</i>	<i>IMET DISPATCHES</i>	<i>IMET DAYS</i>	<i>IMET HOURS</i>
<i>1987</i>	143,877	4,152,575	87	587	8,218
<i>1988</i>	154,573	7,398,889	123	912	12,768
<i>1989</i>	121,714	3,261,732	58	344	4,816
<i>1990</i>	122,763	5,452,874	42	264	3,696
<i>1991</i>	116,953	2,237,714	29	171	2,394
<i>1992</i>	103,830	2,457,665	42	261	3,654
<i>1993</i>	97,031	2,310,420	15	89	1,246
<i>1994</i>	114,049	4,724,014	117	954	13,356
<i>1995</i>	130,019	2,315,730	27	201	2,814
<i>1996</i>	115,025	6,701,390	106	781	10,934
<i>1997</i>	89,517	3,672,616	15	94	1,316
<i>1998</i>	81,043	2,329,709	94	951	13,314
<i>1999</i>	93,702	5,661,976	81	553	7,742
<i>2000</i>	122,827	8,422,237	204	1,565	21,910
<i>2001</i>	84,079	3,555,138	112	924	12,936
<i>2002</i>	88,458	6,937,584	174	1,490	20,860
<i>2003</i>	85,943	4,918,088	152	1,406	19,684
<i>2004</i>	77,534	6,790,692	91	662	9,268
<i>2005</i>	66,552	8,686,753	103	794	11,116
<i>'87 - '05 Average</i>	105,763	4,841,463	88	682	9,547
<i>'96 - '05 Average</i>	90,468	5,767,618	113	922	12,908

There were 103 IMET dispatches in 2005, which is near average. The record year for IMET dispatches was 2000 with 204 and the 10 year average number of annual dispatches is 113.

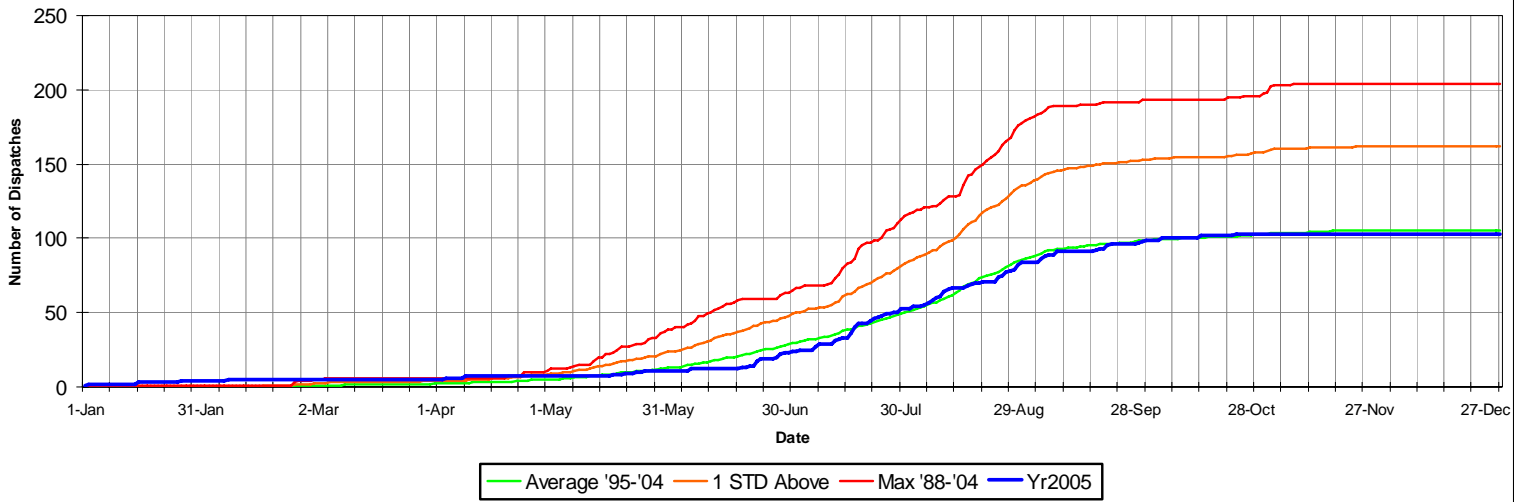
Number of IMET days worked: 794

Number of IMET hours worked: 11,116 (5.32 person-years)

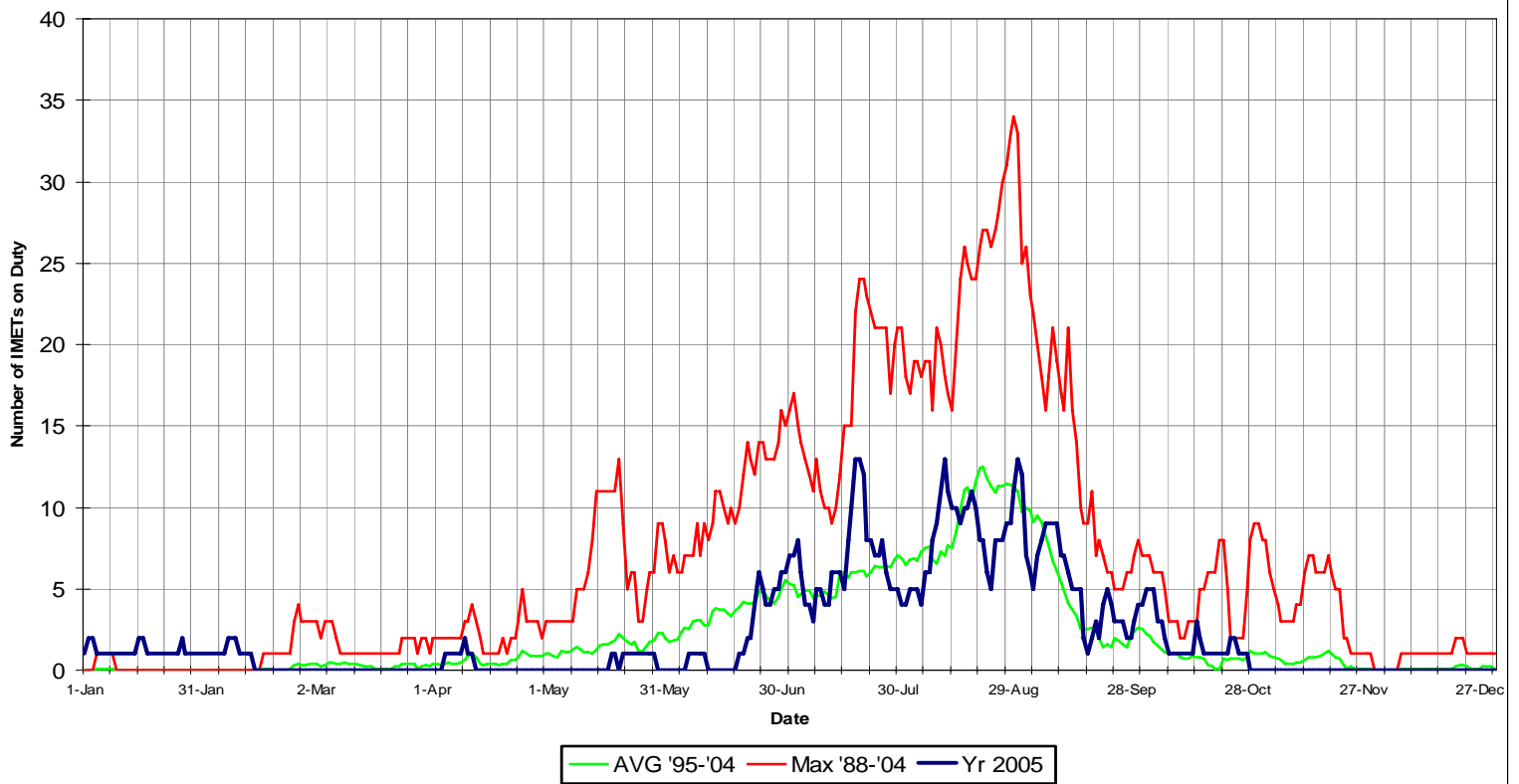
2005 Statistics



Cumulative IMET Dispatches



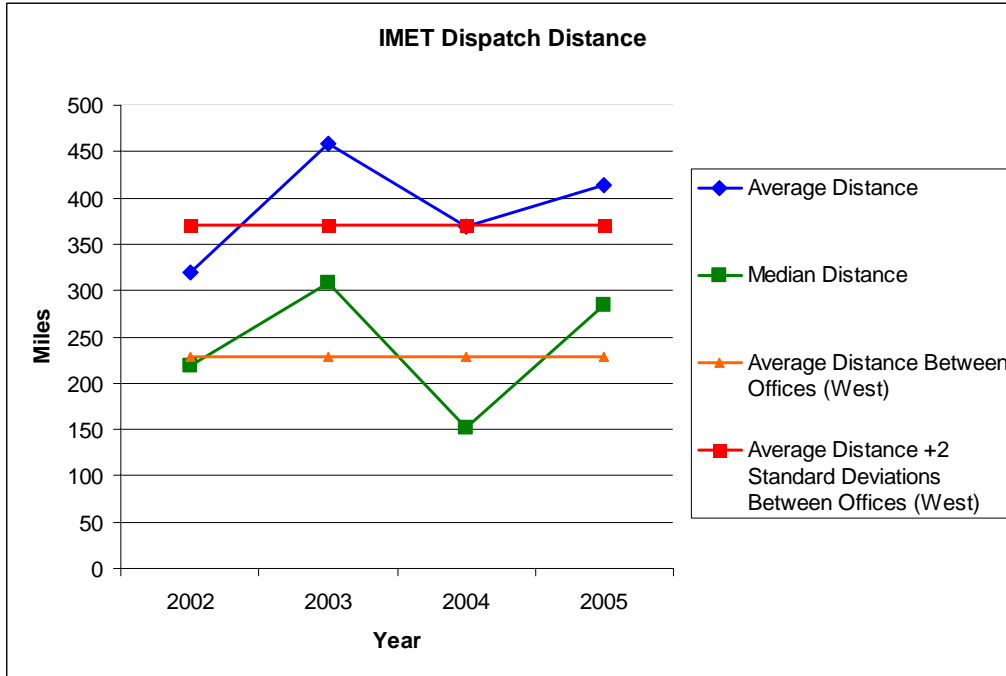
IMETs on Duty Daily



We are meeting or exceeding wildland fire agencies' requirement in both distance and time. The agencies want the closest resource (within reason) and they want them onsite in 24 hours or less.

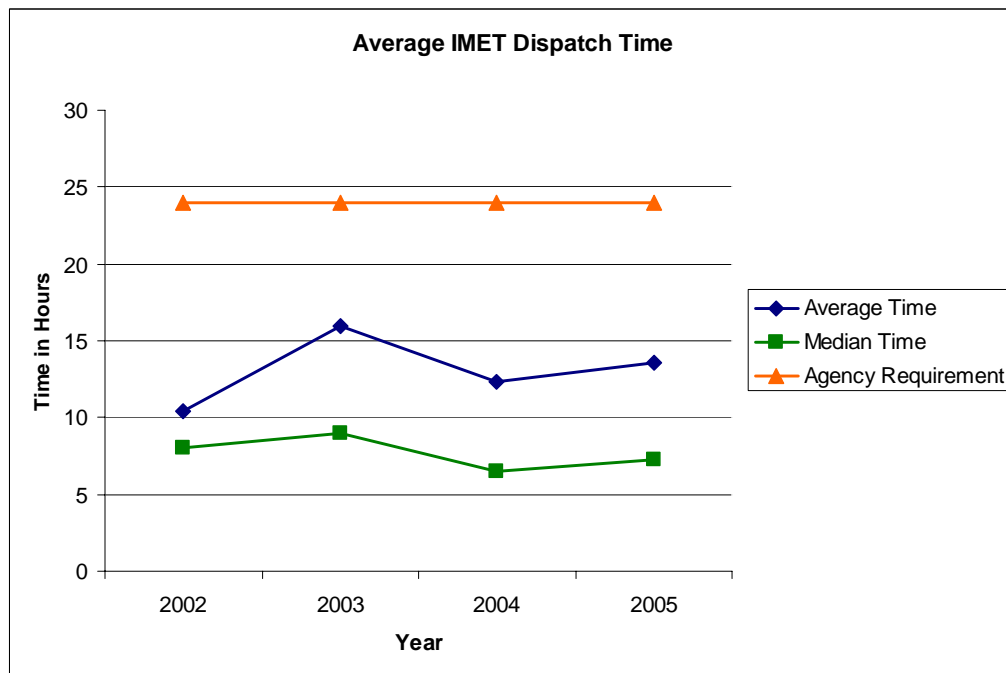
Average Distance From IMET Office to Fire: 414 miles

Median Distance From IMET Office to Fire: 285 miles



Average Time For IMET Dispatch: 13.6 hours

Overall Median Time for IMET Dispatch: 7.3 hours

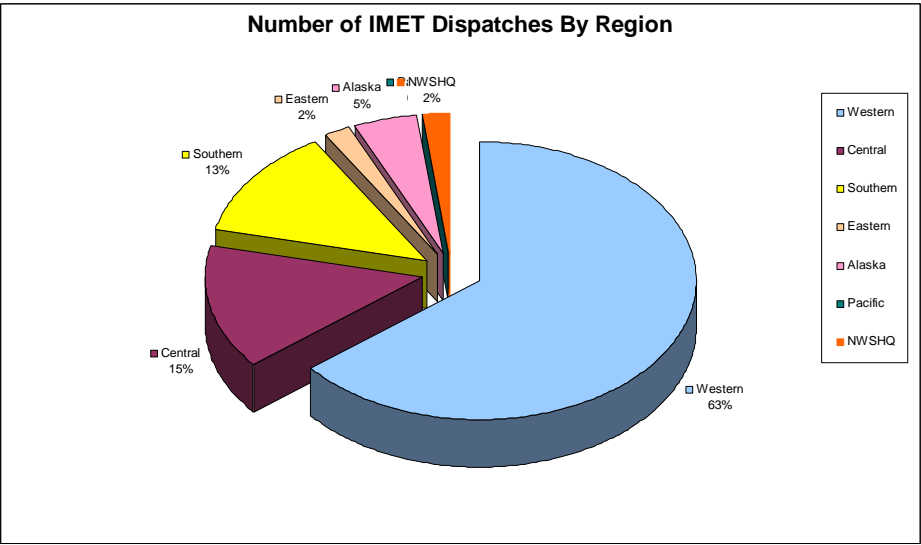


Average Number of Dispatches per IMET: 2.1 dispatches
Average Number of Days per Dispatch: 5.8 days

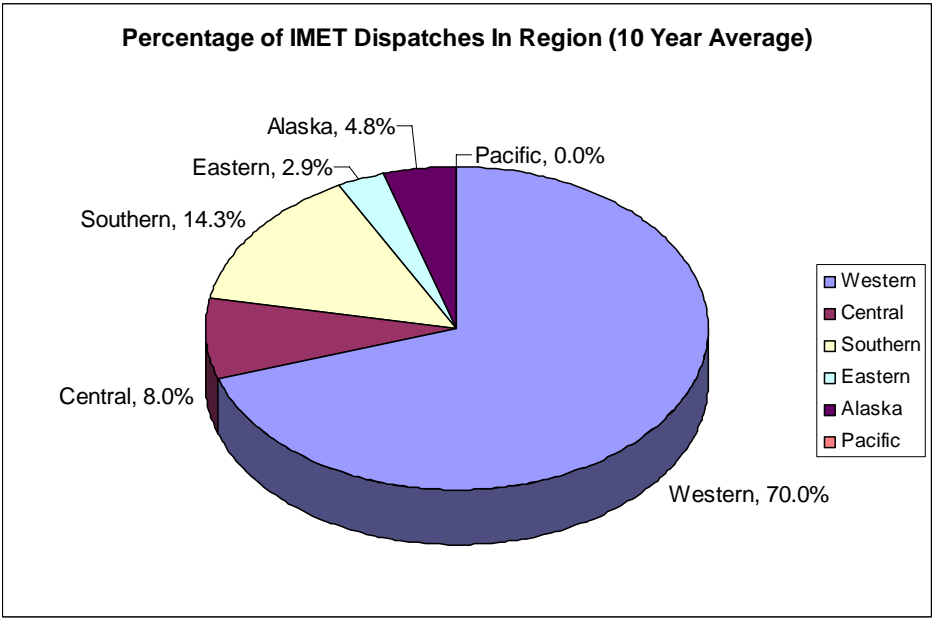
Number of Dispatch Requests Filled: 100%. Every request that was received by the National Fire Weather Operations Coordinator (NFWOC) in Boise was filled.

Number of Trainees completing training: 8 (6 in Western Region, 1 in Central Region and 1 in Southern Region)

The majority of IMETs dispatched are from the Western Region. Western Region also has the most IMETs.



The majority of incidents over the previous 10 years were in Western Region.



IMET Coverage Within Region 2005

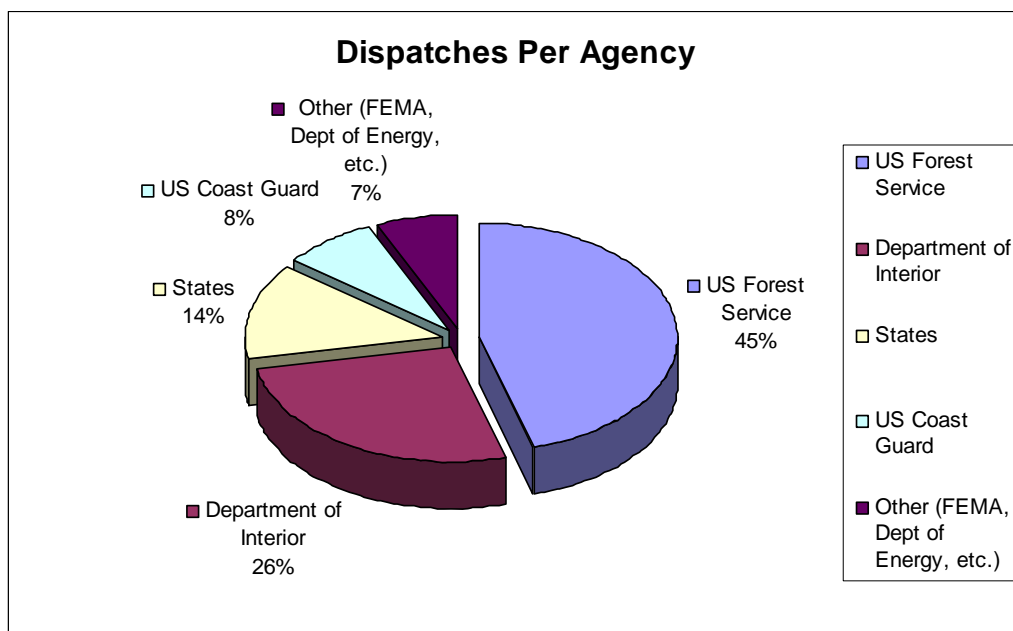
- Western: **86% (62 of 72)**
- Central: **73% (8 of 11)**
- Southern: **73% (8 of 11)**
- Eastern: **100% (1 of 1)**
- Alaska: **63% (5 of 8)**
- Pacific: **no fires**

IMET Coverage Outside of Region 2005

- Western: **26% (5)**
- Central: **37% (73)**
- Southern: **21% (4)**
- Eastern: **5% (1)**
- Alaska: **0% (0)**
- Pacific: **0% (0)**
- NWS HQ: **11% (2)**

Annual Peak IMET Dispatch Times

- Western Region: **29 July – 8 September**
- Central Region: **15 Jun – 15 Jul, 15 Aug – 15 Sep**
- Southern Region: **9 May – 18 July**
- Eastern Region: **25 May – 4 Jul, 30 Oct – 29 Nov**
- Alaska Region: **26 May – 12 August**
- Pacific Region: **None**
- Nationally: **27 July – 8 September**



2005 National Red Flag Warning Verification

Region	POD	FAR	CSI	Number RFWs Issued	Lead Time (hrs)	Spot Forecasts
Western Region	0.92	0.24	0.72	1,236	13.27	6,486
Central Region	0.89	0.20	0.73	990	6.55	4,536
Eastern Region	0.99	0.16	0.83	934	7.81	831
Southern Region	0.90	0.18	0.75	10,913	11.27	3,232
Alaska Region	0.86	0.25	0.68	212	6.70	791
Pacific Region	n/a	n/a	n/a	0	n/a	15
National	0.91	0.19	0.75	14,285	10.82	15,876

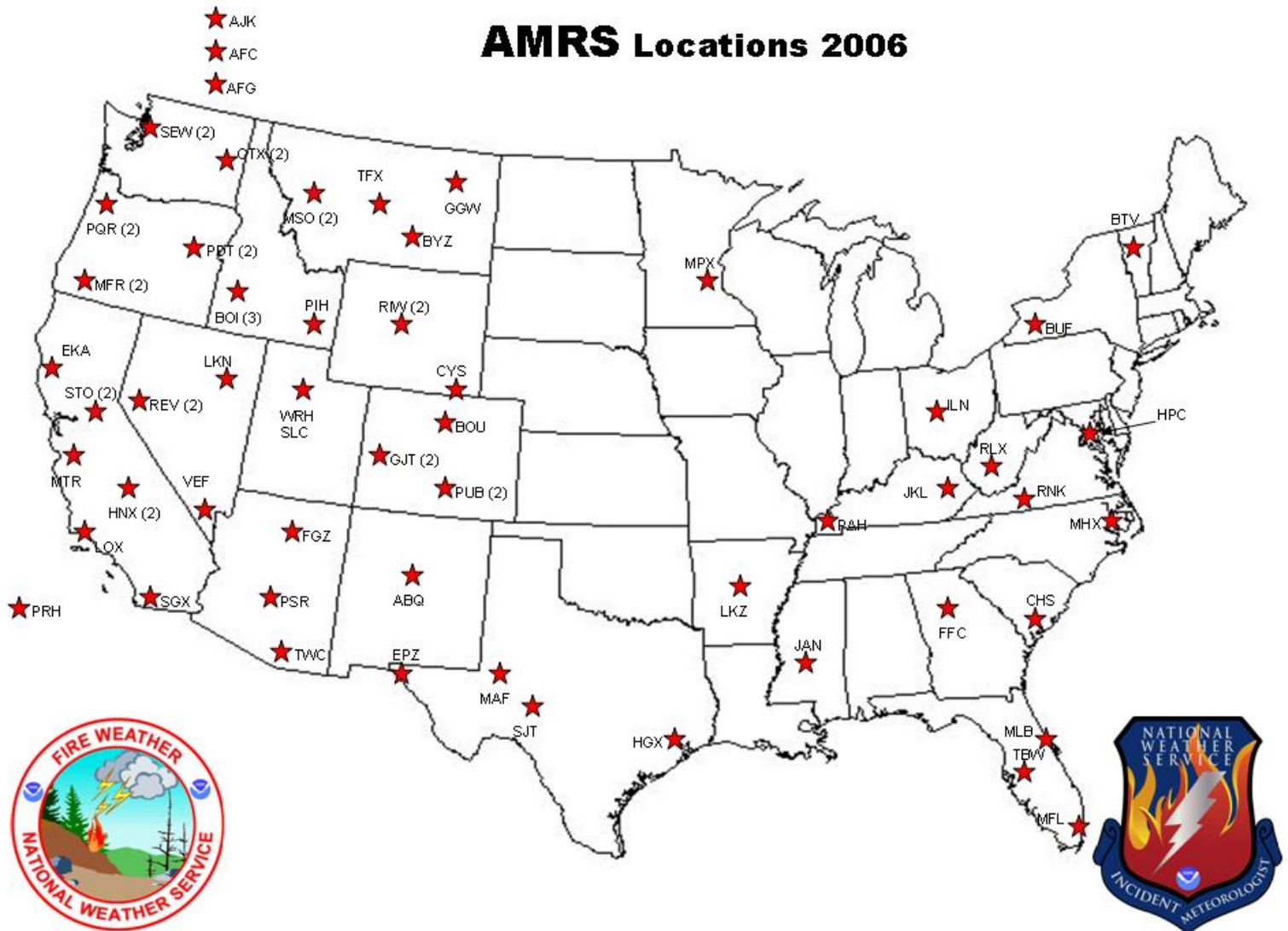
National three year averages:

POD	FAR	CSI	RFWs Issued	Lead Time	Spot Forecasts
0.87	0.21	0.71	9,861	10.22	14,933

With the 2005 Red Flag Warning verification, a national baseline was established. The following are the recommended national performance standards:

Year	POD	Lead Time
2006	0.87	10.20
2007	0.88	10.25
2008	0.88	10.25
2009	0.89	10.30
2010	0.89	10.30

AMRS Locations 2006



ATMU Locations 2006

